



### PILE CONNECTION FOR STEEL CHANNEL STRENGTHENED TIMBER CAPS

Scale:  $\frac{3}{4}" = 1'-0"$

#### Notes:

1. All steel plates, bolts, nuts, etc. shall be mechanically or hot dipped galvanized to conform to ASTM A 153.
2. Shims shall be galvanized ASTM A 709 Grade 36 steel.
3. This detail is not designed to transfer cap loads to the pile.
4. Areas of field welding and drilling shall be repaired with a galvanized touch up kit conforming to ASTM A 780.
5. All field drilled holes in the piles shall have a compatible preservative treatment applied to them before bolting.
6. For Section B-B see sheet 6 of 8.

APPROVAL	
<i>E. S. Friedman</i> DIRECTOR OFFICE OF BRIDGE DEVELOPMENT	
DATE: 10/27/95	
REVISIONS	
SHA	FHWA
1-22-01	.
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FHWA APPROVAL	.
DATE:	.

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF BRIDGE DEVELOPMENT

CONNECTION OF NEW TIMBER PILE SECTION  
TO EXISTING STEEL CHANNEL STRENGTHENED  
TIMBER CAP

STANDARD NO. BR-SR(0.01)-95-304

SHEET 5 OF 8

STRUCTURAL REPAIRS